



72

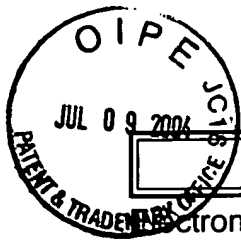
Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 64312  
Application ID: 10066102  
Title of Invention: IC layout with non-quadrilateral steiner points  
First Named Inventor: Steven Teig  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2002-01-31  
Effective Receipt Date: 2004-07-09  
Submission Type: Information Disclosure Statement  
Filing Type:  
Confirmation number: 6032  
Attorney Docket Number: SPLX.P0106




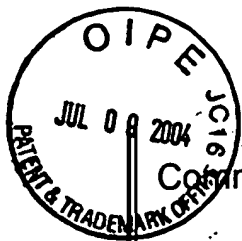
Total Fees Authorized: 180.0  
Payment Category: Credit Card  
Credit Card Number: \*\*\*\*\*7556  
Expiration Date: 08312004  
Card Holder Name: Mani Adeli  
Postal Code: 94301  
RAM Payment Status: RAM success  
RAM User ID: EFSPROD  
RAM Accounting Date: 2004-07-09  
RAM Sequence Number: 1069563

Digital Certificate Holder: cn=Mani Adeli,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 625c5a65e391023fc3ce38f7da8ee75727edf487

**TRANSMITTAL**

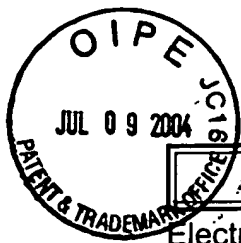
Electronic Version v1.1  
Stylesheet Version v1.1.0

<b>Title of Invention</b>	IC layout with non-quadrilateral steiner points															
<p>Application Number: 10/066102 </p> <p>Date: 2002-01-31</p> <p>First Named Applicant: Steven</p> <p>Confirmation Number: 6032</p> <p>Attorney Docket Number: SPLX.P0106</p>																
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>																
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Mani Adeli Registered Number: 39,585</td><td>/Mani Adeli/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Mani Adeli Registered Number: 39,585	/Mani Adeli/	Attorney								
Submitted by:	Elec. Sign.	Sign. Capacity														
Mani Adeli Registered Number: 39,585	/Mani Adeli/	Attorney														
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-fee-sheet</td><td>SPLX.P0106-usfees.xml</td></tr><tr><td></td><td>us-fee-sheet.xsl</td></tr><tr><td></td><td>us-fee-sheet.dtd</td></tr><tr><td>us-ids</td><td>SPLX.P0106-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-fee-sheet	SPLX.P0106-usfees.xml		us-fee-sheet.xsl		us-fee-sheet.dtd	us-ids	SPLX.P0106-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files															
us-fee-sheet	SPLX.P0106-usfees.xml															
	us-fee-sheet.xsl															
	us-fee-sheet.dtd															
us-ids	SPLX.P0106-usidst.xml															
	us-ids.dtd															
	us-ids.xsl															



#### Comments

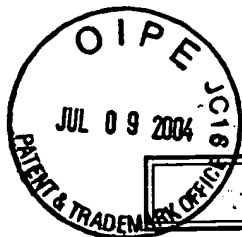
This Information Disclosure Statement is submitted after receipt of a first Office Action on the merits but before the Final Office Action. Accordingly, a fee is required. The requisite fee is included with this electronic submission of the Information Disclosure Statement. Applicants hereby request that the one submitted fee be accepted for the second and any subsequent submission.

**FEE TRANSMITTAL**

Electronic Version v08

Stylesheet Version v08.0


<b>Title of Invention</b>	IC layout with non-quadrilateral steiner points										
Application Number: 10/066102 											
Date: 2002-01-31											
First Named Applicant: Steven Teig											
Attorney Docket Number: SPLX.P0106											
Art Unit: 2825											
Examiner: Leigh Marie											
<b>TOTAL FEE AUTHORIZED \$180</b>											
Patent fees are subject to annual revisions on or about October 1st of each year.											
<b>BASIC FILING FEE</b>											
<table border="1"><thead><tr><th>Fee Description</th><th>Fee Code</th><th>Amount \$</th><th>Fee Paid \$</th></tr></thead><tbody><tr><td>Submission Of Information Disclosure Stmt Fee</td><td>1806</td><td>180</td><td>180</td></tr></tbody></table>				Fee Description	Fee Code	Amount \$	Fee Paid \$	Submission Of Information Disclosure Stmt Fee	1806	180	180
Fee Description	Fee Code	Amount \$	Fee Paid \$								
Submission Of Information Disclosure Stmt Fee	1806	180	180								
<b>AUTHORIZED BILLING INFORMATION</b>											
The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:											
Credit account number: 7556											
Expiration Date (YYYYMMDD): 2004-08-31											
Authorized name: Mani Adeli											
Billing address: 94301											

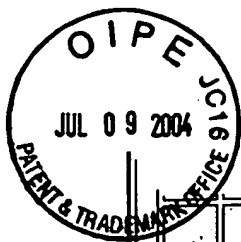


## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	IC layout with non-quadrilateral steiner points																																																																																														
<p>Application Number: 10/066102 </p> <p>Confirmation Number: 6032</p> <p>First Named Applicant: Steven Teig</p> <p>Attorney Docket Number: SPLX.P0106</p> <p>Art Unit: 2825</p> <p>Examiner: Leigh Marie Garbowski</p> <p>Search string: ( 4615011 or 4673966 or 4700016 or 4782193 or 5360948 or 5618744 or 5633479 or 5650653 or 5657242 or 5742086 or 5757656 or 5777360 or 5784262 or 5811863 or 5889329 or 5914887 or 5973376 or 6035108 or 6067409 or 6128767 or 6166441 or 6209123 or 6226560 or 6262487 or 6301686 or 6320391 or 6324675 or 6342682 or 6365958 or 6385758 or 6436804 or 6483481 or 6512292 or 6546540 or 6586281 or 6615400 or 6645842 or 20010003843 or 20020024115 or 20020174413 or 20020182844 or 20030005399 or 20030025205 or 20030121017 ).pn.</p> <p><b>US Patent Documents</b></p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>4615011</td><td>1986-09-30</td><td>Linsker</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>4673966</td><td>1987-06-16</td><td>Shimoyama</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>4700016</td><td>1987-10-13</td><td>Hitchcock et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>4782193</td><td>1988-11-01</td><td>Linsker</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>5360948</td><td>1994-11-01</td><td>Thornberg</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>5618744</td><td>1997-04-08</td><td>Suzuki et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>5633479</td><td>1997-05-27</td><td>Hirano</td><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>5650653</td><td>1997-07-22</td><td>Rostoker et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>9</td><td>5657242</td><td>1997-08-12</td><td>Sekiyama et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>10</td><td>5742086</td><td>1998-04-21</td><td>Rostoker et al.</td><td></td><td></td><td></td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	4615011	1986-09-30	Linsker					2	4673966	1987-06-16	Shimoyama					3	4700016	1987-10-13	Hitchcock et al.					4	4782193	1988-11-01	Linsker					5	5360948	1994-11-01	Thornberg					6	5618744	1997-04-08	Suzuki et al.					7	5633479	1997-05-27	Hirano					8	5650653	1997-07-22	Rostoker et al.					9	5657242	1997-08-12	Sekiyama et al.					10	5742086	1998-04-21	Rostoker et al.			
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass																																																																																								
	1	4615011	1986-09-30	Linsker																																																																																											
	2	4673966	1987-06-16	Shimoyama																																																																																											
	3	4700016	1987-10-13	Hitchcock et al.																																																																																											
	4	4782193	1988-11-01	Linsker																																																																																											
	5	5360948	1994-11-01	Thornberg																																																																																											
	6	5618744	1997-04-08	Suzuki et al.																																																																																											
	7	5633479	1997-05-27	Hirano																																																																																											
	8	5650653	1997-07-22	Rostoker et al.																																																																																											
	9	5657242	1997-08-12	Sekiyama et al.																																																																																											
	10	5742086	1998-04-21	Rostoker et al.																																																																																											



	11	5757656	1998-05-26	Hershberger et al.	
	12	5777360	1998-07-07	Rostoker et al.	
	13	5784262	1998-07-21	Sherman	
	14	5811863	1998-09-22	Rostoker et al.	
	15	5889329	1999-03-30	Rostoker et al.	
	16	5914887	1999-06-22	Scepanovic et al.	
	17	5973376	1999-10-29	Rostoker et al.	
	18	6035108	2000-03-07	Kikuchi	
	19	6067409	2000-05-23	Scepanovic et al.	
	20	6128767	2000-10-03	Chapman	
	21	6166441	2000-12-26	Geryk	
	22	6209123	2001-03-27	Maziasz et al.	
	23	6226560	2001-05-01	Hama et al.	B1
	24	6262487	2001-07-17	Igarashi et al.	B1
	25	6301686	2001-10-09	Kikuchi et al.	B1
	26	6320391	2001-11-20	Bui	B1
	27	6324675	2001-11-27	Dutta et al.	B1
	28	6342682	2002-01-29	Mori et al.	B1
	29	6365958	2002-04-02	Ibnabdeljalil et al.	B1
	30	6385758	2002-05-07	Kikuchi et al.	B1
	31	6436804	2002-08-20	Igarashi et al.	B2
	32	6483481	2002-11-19	Sievenpiper et al.	B1
	33	6512292	2003-01-28	Armburst et al.	B1
	34	6546540	2003-04-08	Igarashi et al.	B1
	35	6586281	2003-07-01	Gabara et al.	B1
	36	6615400	2003-09-02	Lukanc	B1
	37	6645842	2003-11-11	Igarashi et al.	B2

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20010003843	2001-06-14	Scepanovic et al.	A1		
	2	20020024115	2002-02-28	Ibnabdeljalil et al.	A1		
	3	20020174413	2002-11-21	Tanaka	A1		
	4	20020182844	2002-12-05	Igarashi et al.	A1		



	5	20030005399	2003-01-02	Igarashi et al.	A1
	6	20030025205	2003-02-06	Shively et al.	A1
	7	20030121017	2003-06-26	Andreev et al.	A1

Signature

Examiner Name	Date